

IN THE CLAIMS:

Claims 10, 12, 18, and 20 are cancelled. Claims 8, 11, 13, 14, 16, 19, and 21 are amended.

1. (original) A system for inter-thread communications, comprising:  
at least one thread from a first group of threads;  
a first buffer for buffering a request from the at least one thread from the first group;  
at least one thread from a second group of threads for performing an operation according to the request retrieved from the first buffer; and  
a second buffer for buffering a response with respect to the request, the response being generated by the at least one thread from the second group, the response being retrieved by the at least one thread from the first group.
2. (original) The system according to claim 1, wherein the first group of threads includes a user interface thread.
3. (original) The system according to claim 1, wherein the second group of threads includes a worker thread.
4. (original) The system according to claim 1, wherein the first buffer comprises a plurality of buffer cells.
5. (original) The system according to claim 1, wherein the second buffer comprises a plurality of buffer cells.
6. (original) A method for inter-thread communications, comprising:  
sending, by a thread from a first group of threads, a request to a first buffer;  
retrieving, by a thread from a second group of threads, the request from the first

buffer according to a predetermined criterion;

processing the request, retrieved by the retrieving;

sending, by the thread from the second group, a response with respect to the request to a second buffer after the processing; and

receiving, by a thread from the first group, the response from the second buffer according to a second predetermined criterion.

7. (original) The method according to claim 6, wherein the first group includes a user interface thread; and

the second group includes a worker thread.

8. (currently amended) The method according to claim 6, wherein retrieving the request by a thread from the second group according to a predetermined criterion includes retrieving according to whether the thread from the second group can perform the operation requested by the request.

9. (original) The method according to claim 6, wherein the receiving the response by a thread from the first group of thread according to a second predetermined criterion includes receiving according to whether the response is addressed to the thread from the first group of threads.

Claim 10 (cancelled)

11. (currently amended) ~~The method according to claim 10, further comprising:~~  
A method of inter-thread communication, comprising:

generating, by a thread from a first group of threads, a request to a thread from a second group of threads;

identifying an available buffer cell in a first buffer;

packing the request in the available buffer cell of the first buffer; and

receiving a response with respect to the request, generated by the thread from the second group, from a second buffer after the request being packed by the packing.

Claim 12. (cancelled).

13. (currently amended) ~~The method according to claim 12, further comprising:~~

A method of inter-communication, comprising:

receiving, by a thread from a second group of threads, a request, sent by a thread from a first group of threads, from a first buffer;

processing the request from the thread of the first group of threads;

generating a response from the thread of the second group of threads with respect to the request after the processing;

identifying an available buffer cell in a second buffer; and

packing the response from the thread in the second group of threads, in respect to the request from the thread in the first group of threads, in the available buffer cell in the second buffer.

14. (currently amended) A computer-readable medium having program code stored therein for causing, when executed, inter-thread communications to occur comprising:

sending, by a thread from a first group of threads, a request to a first buffer;

retrieving, by a thread from a second group of threads, the request from the first buffer according to a predetermined criterion;

processing the request, retrieved by the retrieving;

sending, by the thread from the second group, a response with respect to the

request to a second buffer after the processing; and

receiving, by a thread from the first group of threads[[s]], the response from the second buffer according to a second predetermined criterion.

15. (original) The medium according to claim 14, wherein the first group of threads includes a user interface thread; and

the second group of threads includes a worker thread.

16. (currently amended) The medium according to claim 14, wherein retrieving the request by a thread from the second group of threads according to a predetermined criterion includes retrieving according to whether the thread from the second group can perform the operation requested by the request.

17. (original) The medium according to claim 14, wherein the receiving the response by a thread from the first group of threads according to a second predetermined criterion includes receiving according to whether the response is addressed to the thread from the first group of threads.

Claim 18 (cancelled)

19. (currently amended) ~~The medium according to claim 18, wherein the program code when executed further causes:~~ A computer-readable medium having program code stored thereon which, when executed, causes the occurrence of inter-thread communication, the program comprising:

generating, by a thread from a first group of threads, a request to a thread from a second group of threads;

identifying an available buffer cell in a first buffer;

packing the request in the available buffer cell of the first buffer, and

receiving a response with respect to the request, generated by the thread from the second group of threads, from a second buffer after the request being packed by the packing.

Claim 20 (cancelled).

21. (currently amended) ~~The medium according to claim 20, the program further causing:~~ A computer-readable medium encoded with a program of a thread for inter-communication, the program, when executed, causing:

receiving, by a thread from a second group of threads, a request, sent by a thread from a first group of threads, from a first buffer;

processing the request from the thread of the first group of threads.

generating a response from the thread of the second group of threads with respect to the request after the processing;

identifying an available buffer cell in a second buffer; and

packing the response from the thread of the second group of threads, with respect to the request from the thread in the first group of threads, in the available buffer cell in the second buffer.

---